PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT &

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\$)

0

Complete if Known						
Application Number	09/945,084					
Filing Date	August 30, 2001					
First Named Inventor	Fogal et al.					
Examiner Name	Khiem D. Nguyen					
Art Unit	2823					
Attorney Docket No.	2001-0128.00/US					

Check Credit card Money Other None Order Account 13-3092, Order No. 2001-0128.00/US 13-3092, Order No. 2001-0128.00/US 13-3092, Order No. 2001-0128.00/US 15-3092, Order No. 2	METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)							
Deposit Account 13-3092, Order No. 2001-0128.00US 1051 130 2051 1052				1	3. ADDITIONAL FEES						
Deposit 13-3992, Order No. 2001-0128, 00IUS 1053 130 2052 25 25 25 25 25 25	Order						-				
Account 13-3992, Order No. 2001-0128.00US 1051 130 2005 65 Surcharge - late fining fee or cover sheet.	Deposit				i					Fee Description	Fee Paid
Deposit Account Micron Technology, Inc. 1053 130 1053 130 1053 130 1053 130 1053 130 1053 130 1053 130 1053 130 130 1305 130 1305 1			1051	130	2051		Surcharge - late filing fee or oath				
Account Name	Number				1052	50	2052	25			
Name						1053	130	1053	130	Non-English specification	
The Director is authorized to: (check all that apply)		Micron Lec	nnology, Inc.			1812		1812		For filing a request for reexamination	
Charge ence of the above-identified deposit account.	The Director is				ı	1804	920*	1804	920*		
1	☐ Charge any additional fee(s) during the pendency of this application					1805	1,840*	1805	1,840*		
Second S				filing fee		1251	110	2251	55	Extension for reply within first month	
Large Entity Small Entity Small Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Code (\$) Code Code					1252	420	2252	210			
Large Entity Small Entity Small Entity Fee Gode (\$) Fee Paid 1255 2,010 2255 1,005 Extension for reply within fight month 1001 770 2001 385 Utility filing fee 1401 330 2401 165 Notice of Appeal 1401 330 2402 165 Notice of Appeal 1402 330 2402 165 Fee 1402 330 2402 165 Fee 166 Fee 1402 330 2402 165 Fee 166 Fee 167 Fee	1. BASIC	FILING FEE				1253	950	2253	475	Extension for reply within third month	
Code (\$)	Large Entity Small Entity				1254	1,480	2254	740			
1001 770 2001 385			ree Description	Fee Paid		1255	2,010	2255	1,005	Extension for reply within fifth month	
1003 530 2003 265 Plant filing fee 1451 1,510 1451			Utility filing fee			1401	330	2401	165	Notice of Appeal	
1004 770 2004 335 Reissue filing fee 1451 1,510 14	1002 340	2002 170	Design filing fee		7	1402	330	2402	165	Filing a brief in support of an appeal	
1005 160 2005 80 Provisional filling fee 1452 110 2452 55 Petition to revive – unavoidable 1453 1,310 1451 1,510 Proceeding Provisional filling fee 1452 110 2452 55 Petition to revive – unavoidable 1453 1,330 2453 665 Petition to revive – unavoidable 1453 1,330 2453 665 Petition to revive – unavoidable 1501 1,330 2453 665 Petition to revive – unavoidable 1501 1,330 2453 665 Petition to revive – unavoidable 1501 1,330 2453 665 Petition to revive – unavoidable 1501 1,330 2453 665 Petition to revive – unavoidable 1501 1,330 2453 665 Petition to revive – unavoidable 1501 1,330 2453 665 Petition to revive – unavoidable 1501 1,330 2453 665 Petition to revive – unavoidable 1501 1,330 2453 665 Petition to revive – unavoidable 1501 1,330 2453 665 Petition to revive – unavoidable 1501 1,330 2453 665 Petition to revive – unavoidable 1501 1,330 2453 665 Petition to revive – unavoidable 1501 1,330 2453 665 Petition to revive – unavoidable 1501 1,330 2453 665 Petition to revive – unavoidable 1501 1,330 2501 665 Utility issue fee (or reissue) 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1602 1807 50 Processing fee under 37 CFR 1.17 (q) 1806 180 1801 1	1003 530	2003 265	Plant filing fee			1403	290	2403	145	Request for oral hearing	
SUBTOTAL (1) (\$) 0			-	f.,		1451	1,510	1451	1,510		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Claims Total Claims 14	1005 160	2005 80	Provisional miling	lee		1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra		SUBTO	TAL (1)	(\$) 0	7	1453	1,330	2453	665	Petition to revive – unintentional	
Extra Extra Extra Fee from Fee Paid						1501	1,330	2501	665	Utility issue fee (or reissue)	
Total Claims	2. EXTRA CL	AIM FEES F				1502	480	2502	240	Design issue fee	
Total Claims						1503	640	2503	320	Plant issue fee	
Submission of Information Disclosure Stmt Submission of Information Disclosure Stmt Recording each patent assignment Small Entity	Total Claims 1	4 -27 **			7	1460		1460		Petitions to the Commissioner	
Multiple Dependent Large Entity Fee Fee Code (\$) 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 "Reissue independent claims over original patent" Substotal (\$) 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent" SUBTOTAL (2) (\$) 0 "Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	Independent				╕	1807	50	1807	50	,,,)
Dependent Large Entity Small Entity Fee Fee Code (\$) 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 0 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0		9 ***	= 0 X	= 0	╛	1806	180	1806	180		
Fee Code (\$) Code (\$) Fee Description 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid ** Reissue independent claims over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reduced by Basic Filing Fee Paid ** SUBTOTAL (3) (\$) 0	Dependent X = 0				8021	40	8021	40	per property (times number of		
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 0 1810 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b)) 1802 900 1802 900 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	Fee Fee	Fee	Fee Fee Descrip	tion		1809	770	2809	385		י
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 0 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	(*)			cess of 20		1810	770	2810	385	For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 0 ** Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	1201 86	2201		claims in excess of 3	1					examined (37 CFR § 1.129(b))	
1204 86 2204 43 original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 0 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	1203 290	2203	•			1801	770	2801	385	Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	1204 86	2204	original pate	nt		1802	900	1802	900		
SUBTOTAL (2) (\$) 0 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	1205 18	2205			and		/	: 4.0		gii appirouseri	
	SUBTOTAL (2) (\$) 0										
	**or number previously paid, if greater; For Reissues, see above										

Complete (if applicable) SUBMITTED BY Registration No. 37,882 208-368-4516 Name (Print/Type) Telephone Kevin D. Martin (Attorney/Agent) Signature

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Paternant Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Rich Fogal Tracy Reynolds Timothy Cowles

Serial No.: 09/945,084

Filed: August 30, 2001

For: METHOD AND APPARATUS FOR
CIRCUIT COMPLETION THROUGH THE
USE OF BALL BONDS OR OTHER
CONNECTIONS DURING THE
FORMATION OF A SEMICONDUCTOR
DEVICE

Group Art Unit: 2823

Examiner: Khiem D. Nguyen

Docket No.: 2001-0128.00

Confirmation No.: 3141

Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450 Certificate of Mailing (37 CFR §1.8)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to:

Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on the date below:

<u>September 29, 2004</u>

§

§

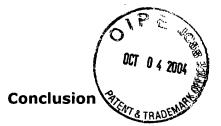
§ §

§

Date

RESPONSE TO THE OFFICE ACTION OF JUNE 29, 2004

Please enter the following in response to the Examiner's office action mailed June 29, 2004 as paper no. 062504.



Serial No.: 09/945,084 Inventors: Rich Fogal, et al.

If there are matters which may be addressed or clarified through a telephone conversation, the Examiner is cordially invited to contact the undersigned. This is believed to be a complete and proper response to the Examiner's office action.

Respectfully submitted,

Kevin D. Martin Agent for Applicant Registration No. 37,882

Micron Technology, Inc.

PO Box 6

Boise, ID 83707-0006 Ph: (208) 368-4516 FAX: (208) 368-5606

e-mail: kmartin@micron.com